



Appl. No. 09/602,690  
Amdt. dated May 17, 2004  
Replacement Sheet

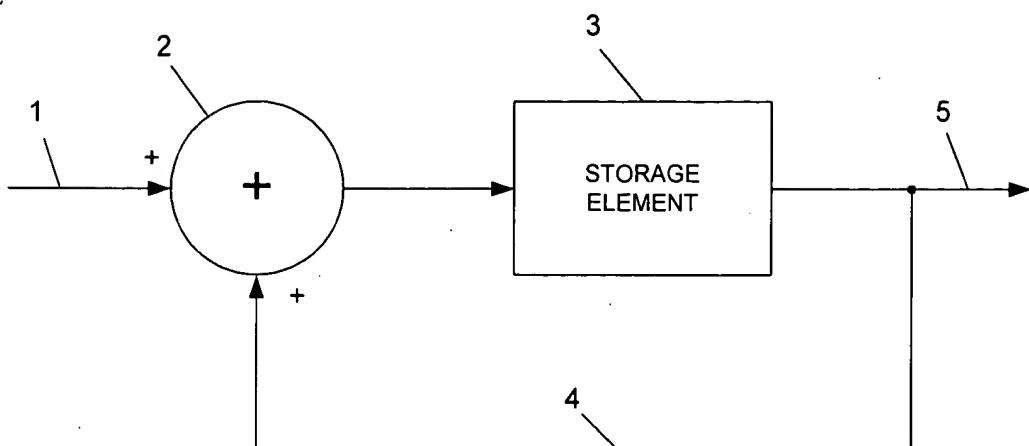


FIGURE 1A (prior art)

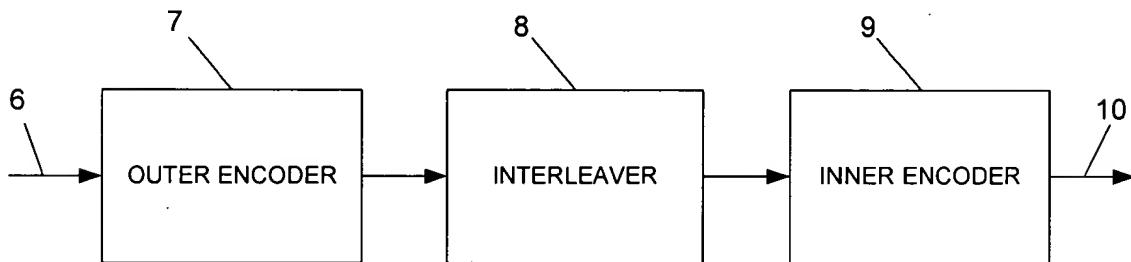


FIGURE 1B (prior art)

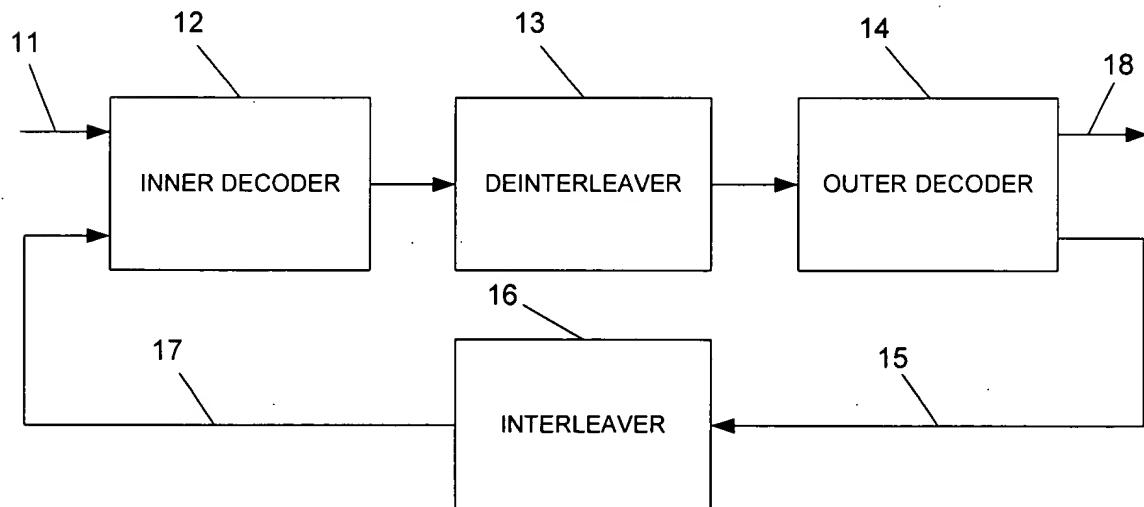


FIGURE 1C (prior art)



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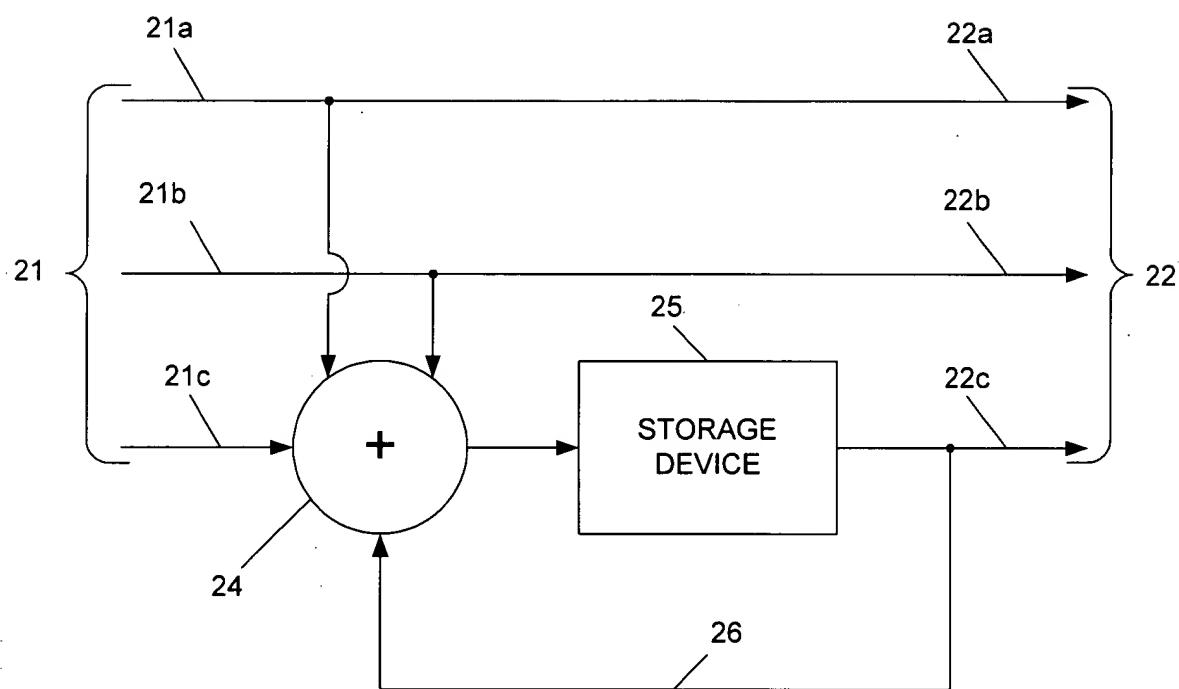


FIGURE 3A



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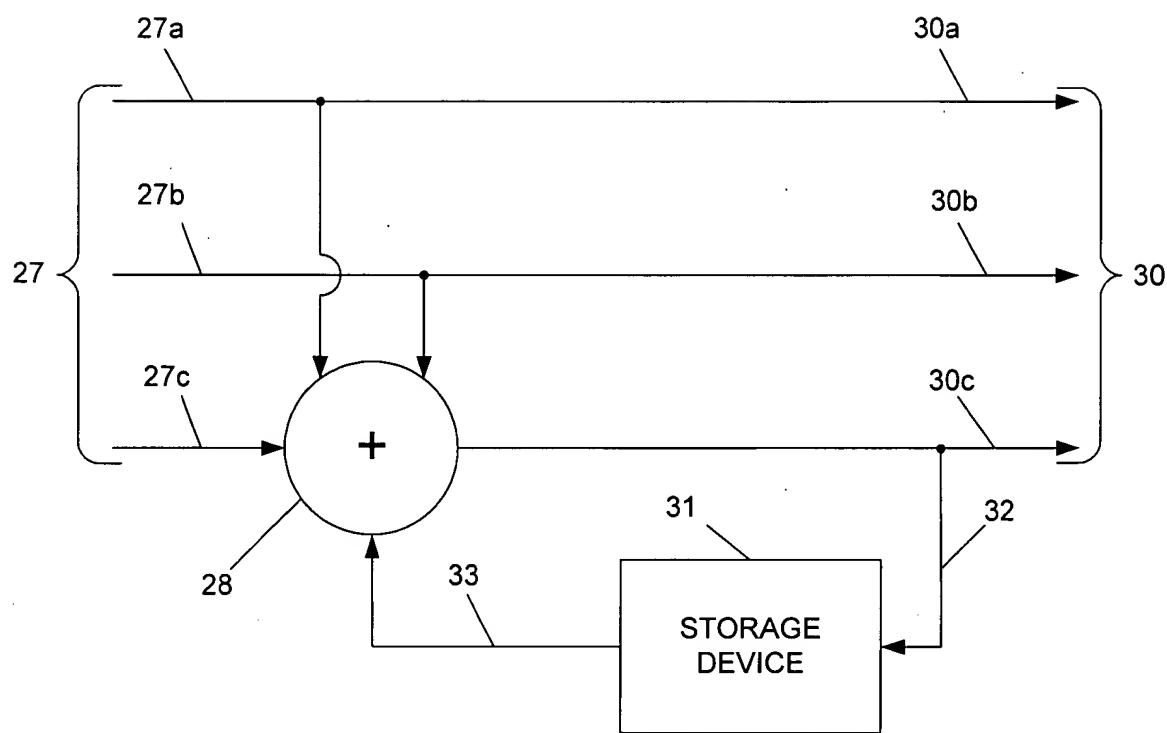


FIGURE 3B



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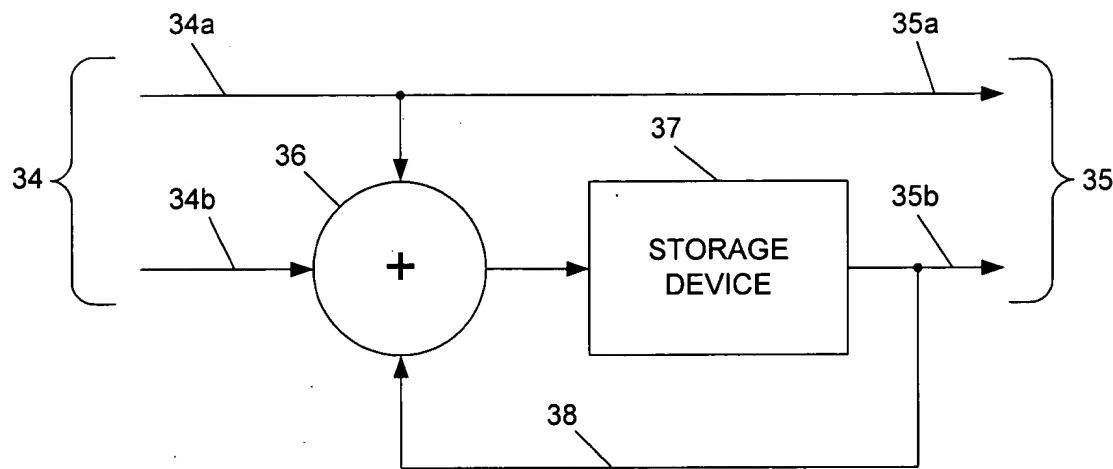


FIGURE 4

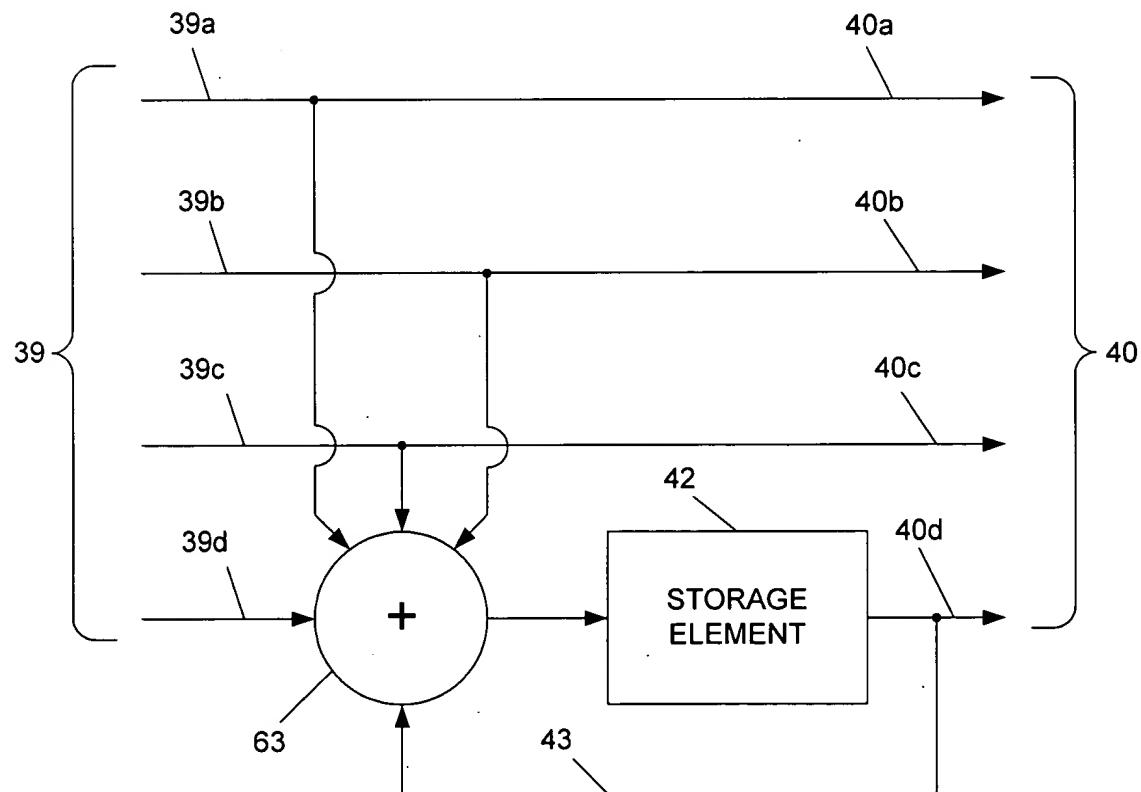


FIGURE 5

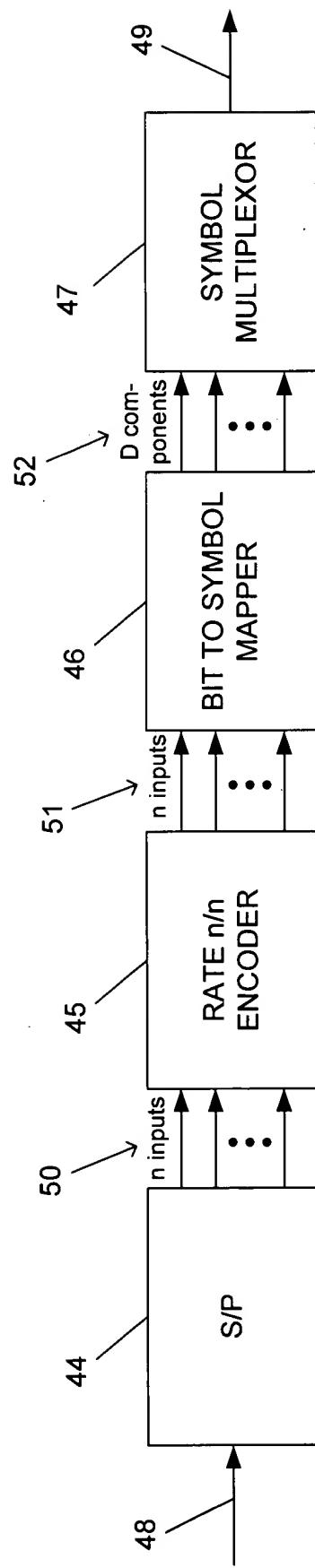


FIGURE 6



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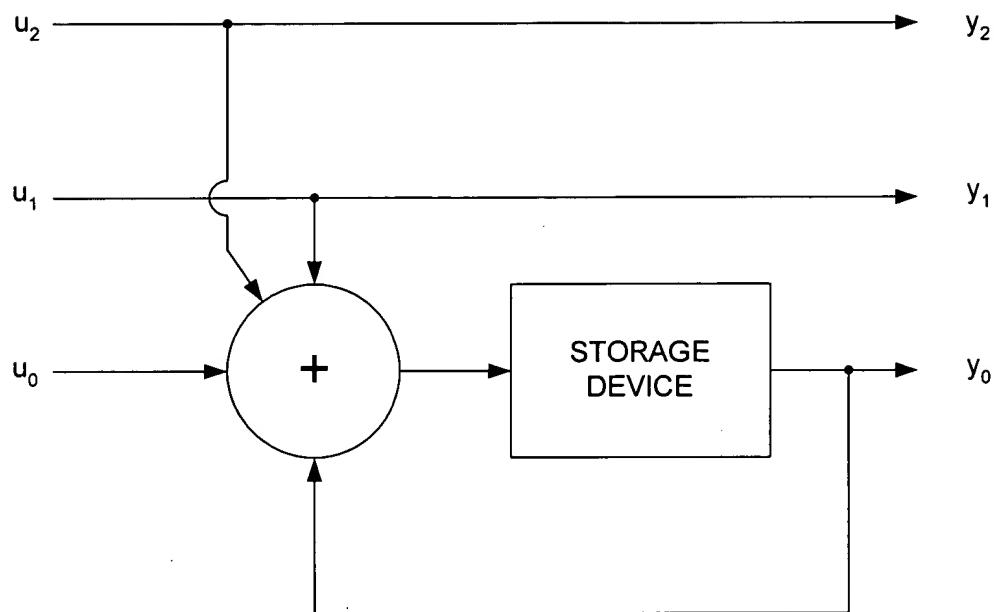


FIGURE 7A

8-PSK SYMBOL INDEXING  
( $y_2, y_1, y_0$ )

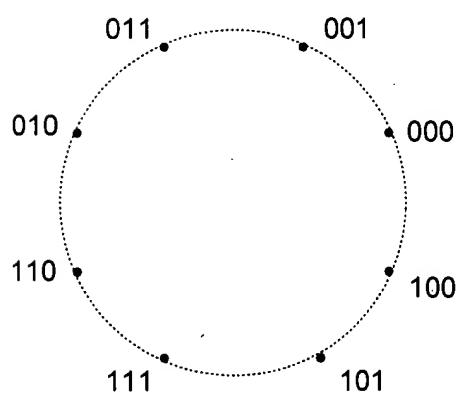


FIGURE 7B

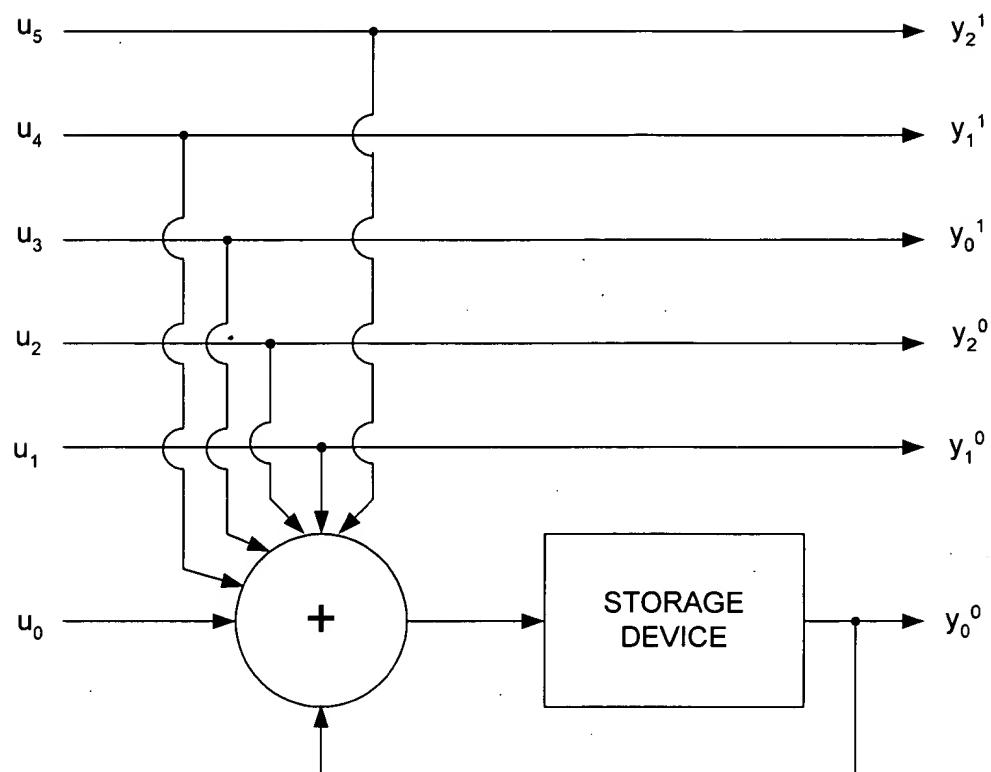
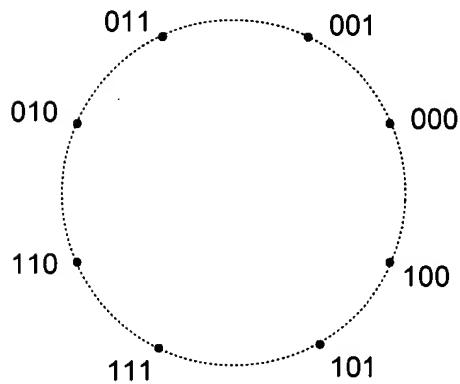


FIGURE 8A

8-PSK SYMBOL 1 INDEXING  
( $y_2^1, y_1^1, y_0^1$ )



8-PSK SYMBOL 0 INDEXING  
( $y_2^0, y_1^0, y_0^0$ )

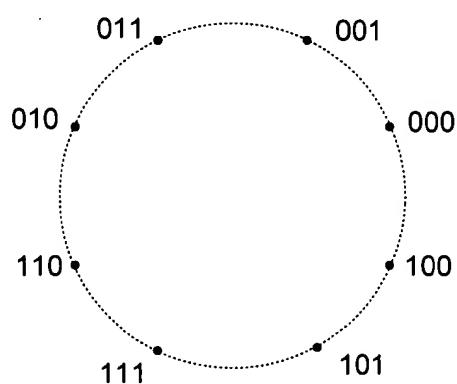


FIGURE 8B



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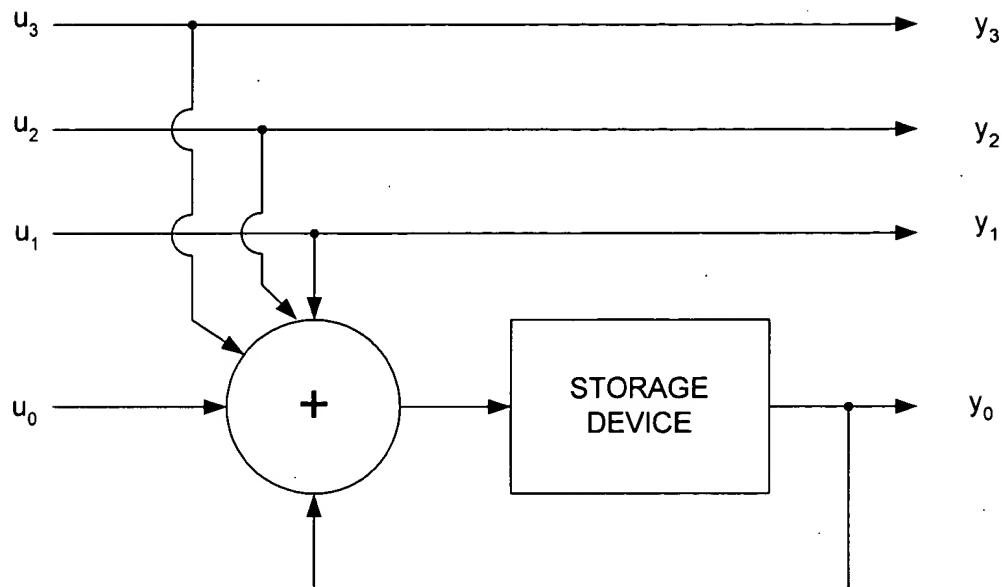


FIGURE 9A

16-QAM symbol indexing  
( $y_3, y_2, y_1, y_0$ )

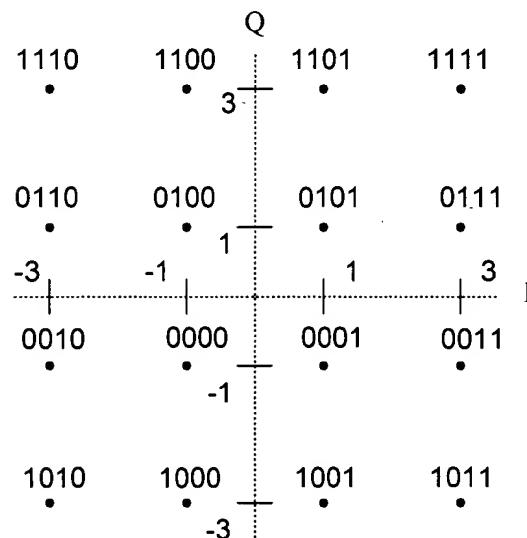


FIGURE 9B



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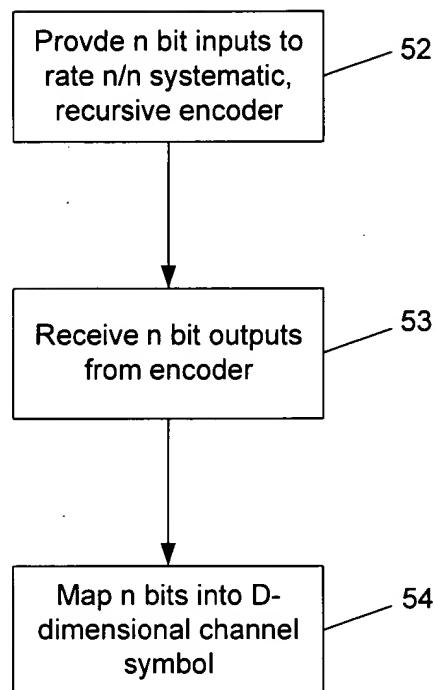


FIGURE 10

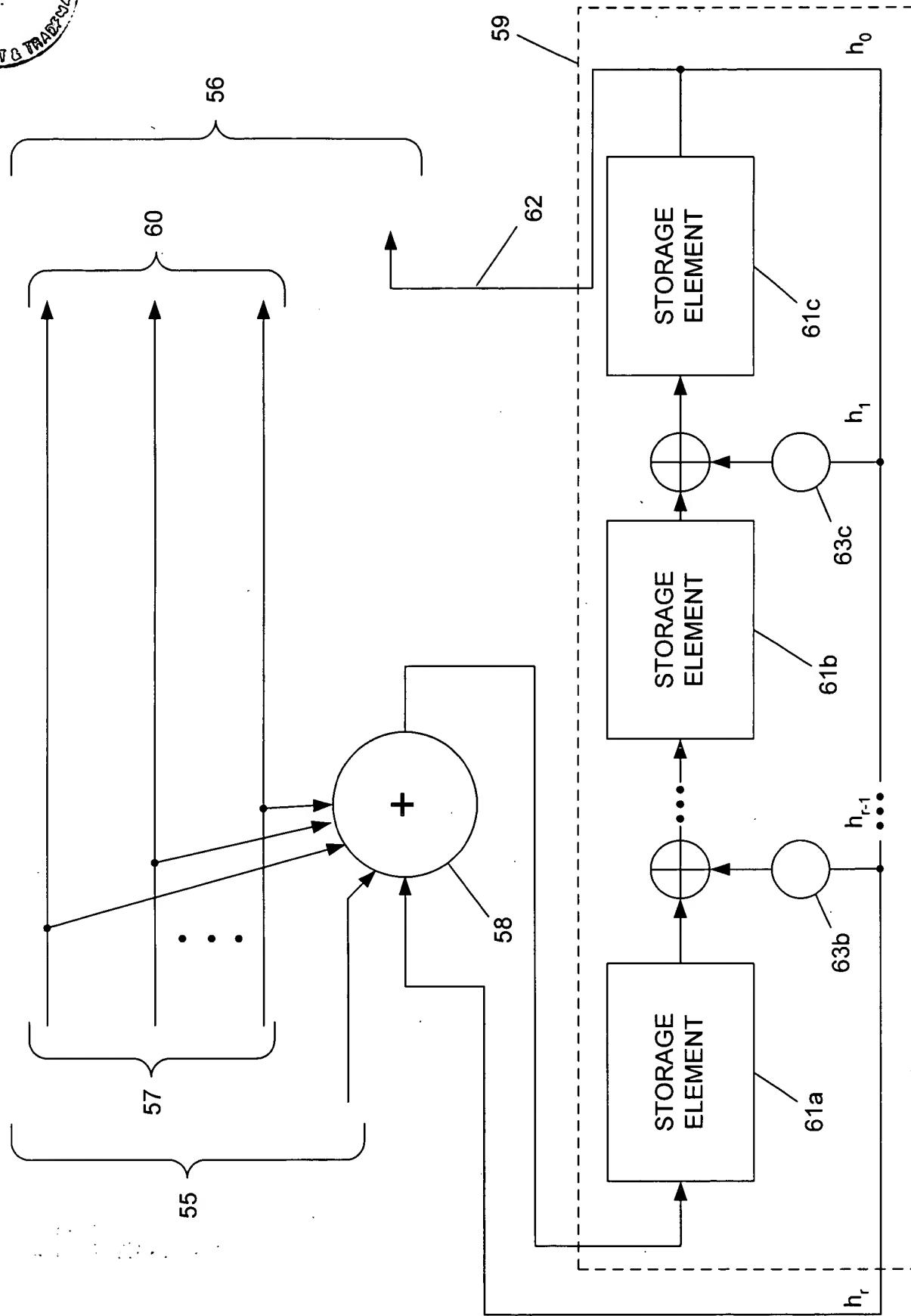


FIGURE 11A

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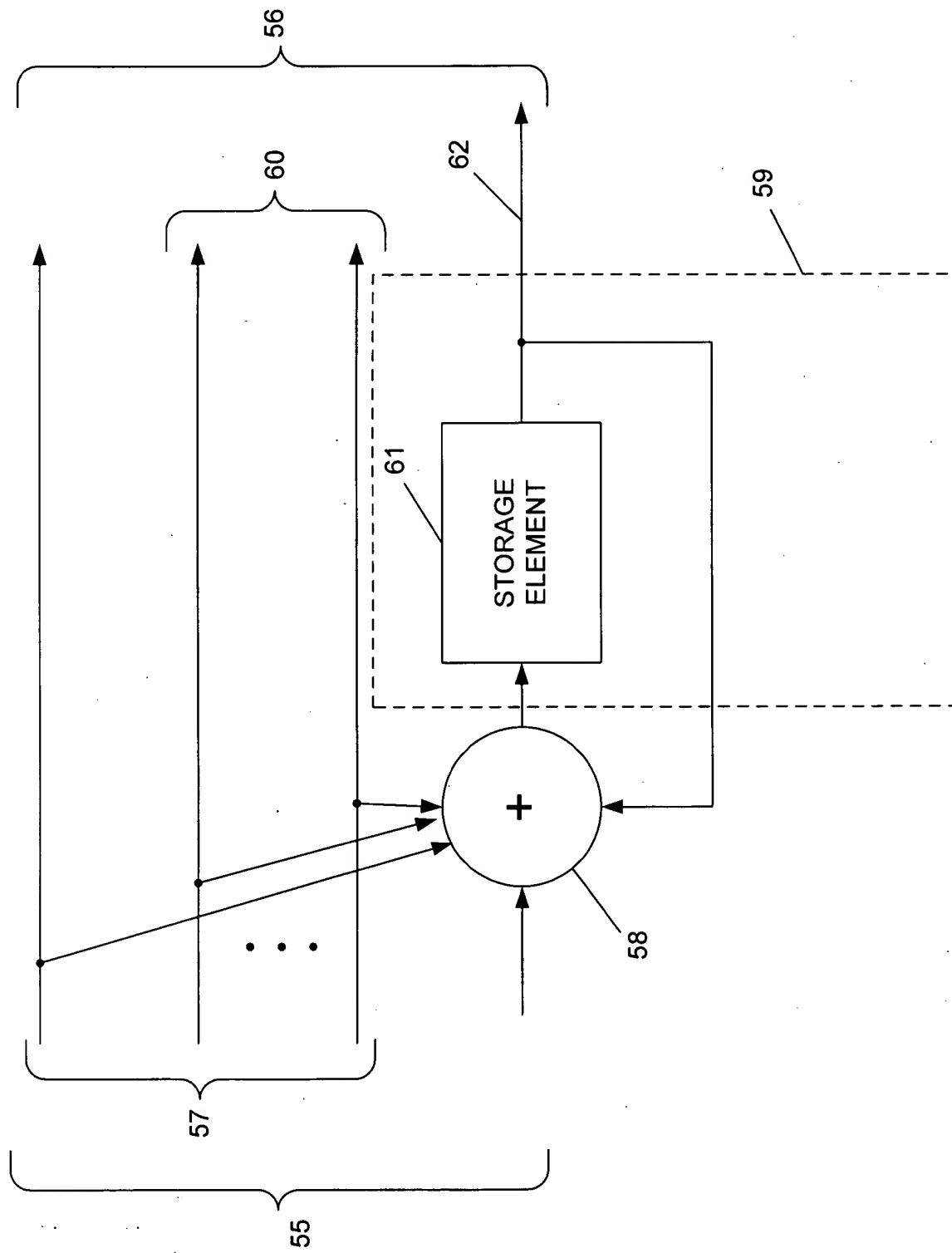


FIGURE 11B

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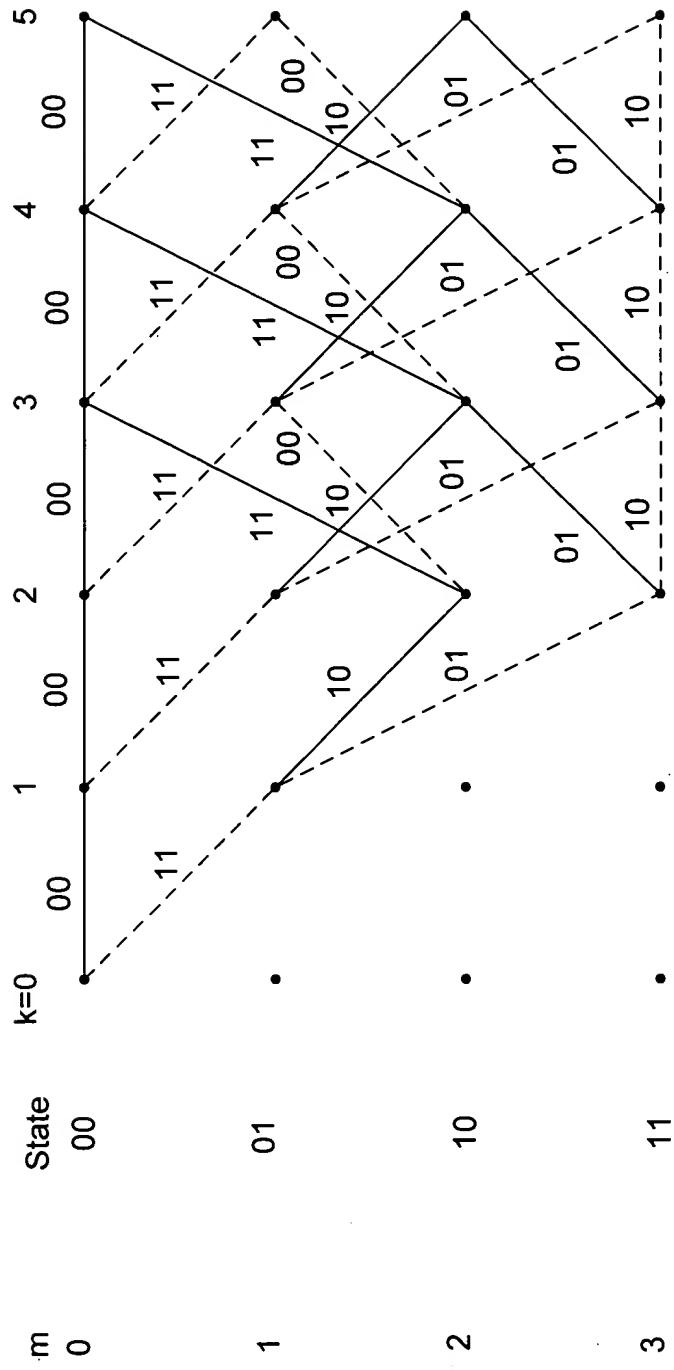


FIGURE 15



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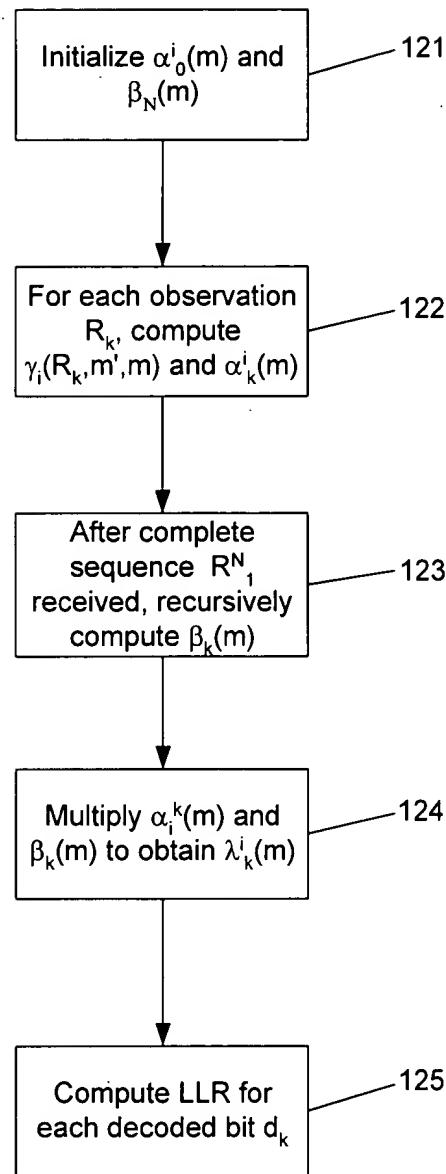


FIGURE 16

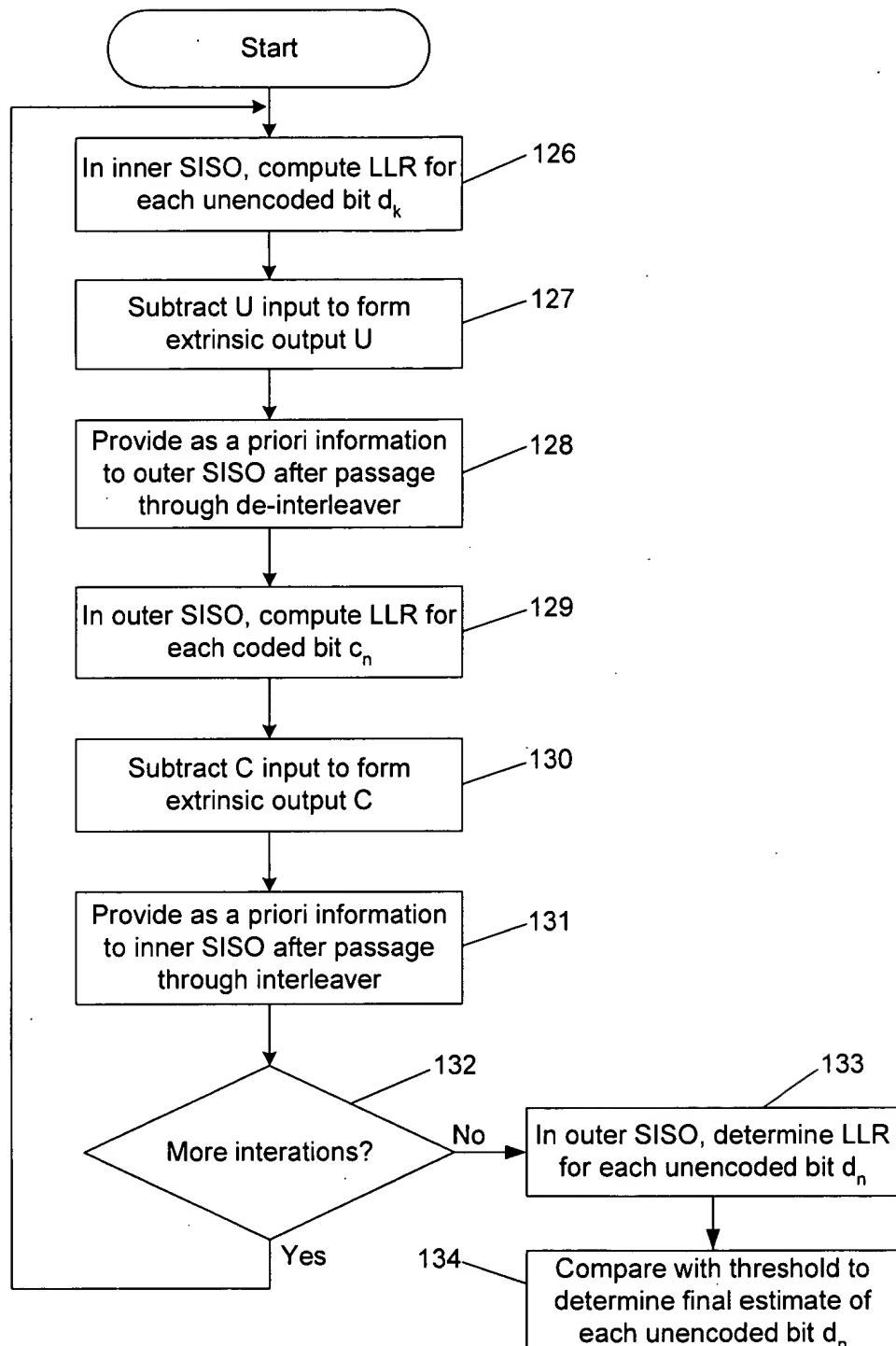


FIGURE 17